

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
8013-1139

SERIAL NO.
09/944,186

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

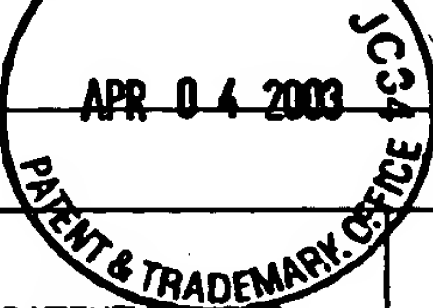
37 CFR 1.98(b)

APPLICANT
Atsushi YAMAGUCHI et al.

FILING DATE
September 4, 2001

GROUP
2811

APR 04 2003



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>SP</i>	AA	2002/0030200	03/02	YAMAGUCHI et al.			
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
<i>SP</i>	AG	10-12969	01/98	JAPAN			
<i>SP</i>	AH	2000-58462	02/00	JAPAN			
	AI						
	AJ						
	AK						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AL	
	AM	
	AN	

EXAMINER

Shousu...

DATE CONSIDERED

6/24/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.